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| First Named Inventor | Whitehead |
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| Examiner Name | Corrielus |
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U. S. PATENT DOCUMENTS

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| /JC/ | | JP-10247377 | 09-14-1998 | Kanzaki Masanori | | |
| /JC/ | | WO-00/16525 | 03-23-2000 | Kim | | |
| /JC/ | | WO-00/57527 | 09-28-2000 | Dougherty | | |
| /JC/ | | GB-2278519 | 11-30-1994 | Geller | | |
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